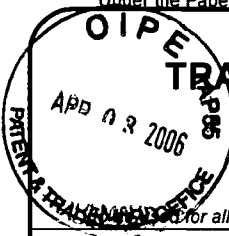


IP7 Rec'd PCT/PTO 03 APR 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

Application Number		10/522,954
Filing Date		January 31, 2005
First Named Inventor		Beverly L. Davidson
Art Unit		1635
Examiner Name		Unknown
Attorney Docket Number		17023.045US2
Total Number of Pages in This Submission	17	

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form 1449 (14 pgs.); Communication Concerning Related Applications (1 pg.); return postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VIKSNINS HARRIS & PADYS PLLP		
Signature			
Printed name	Peter L. Malen		
Date	March 31, 2006	Reg. No.	44,894

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Peter L. Malen	Date	March 31, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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S/N 10/522,954

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Beverly L. Davidson et al. Examiner: Unknown
Serial No.: 10/522,954 Group Art Unit: 1635
Filed: January 31, 2005 Docket: 17023.045US2
Title: ALLELE-SPECIFIC SIRNA-MEDIATED GENE SILENCING

COMMUNICATION CONCERNING RELATED APPLICATIONS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants would like to bring to the Examiner's attention the following related applications.

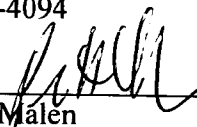
Applications that claim priority to the related application(s) may be filed, and Applicants respectfully request that the Examiner additionally review those applications prior to issuing a Notice of Allowance in the present application.

Application Number	Filing Date	Docket Number
10/212,322	08/05/02	17023.023US1
10/430,351	05/05/03	17023.026US2
11/047,429	01/31/05	17023.026US3
10/738,642	12/16/03	17023.034US1
11/343,366	01/31/06	17023.045US3
10/859,751	06/02/04	17023.047US1
11/048,627	01/31/05	17023.053US1

Respectfully submitted,
Beverly L. Davidson et al.
By their Representatives,
Viksnins Harris & Padys PLLP
P.O. Box 111098
Saint Paul, MN 55111
952 876-4094

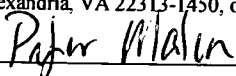
Date March 30, 2006

By

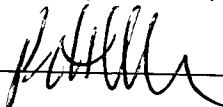

Peter L. Malen
Reg. No. 44,894

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Signature



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S/N 10/522,954

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Beverly L. Davidson et al. Examiner: Unknown
Serial No.: 10/522,954 Group Art Unit: 1635
Filed: January 31, 2005 Docket: 17023.045US2
Title: ALLELE-SPECIFIC SIRNA-MEDIATED GENE SILENCING

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to MPEP 609, Applicants request that a copy of the Form 1449, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Copies of the "Foreign Patent Documents" and "Other Documents" listed on the Form 1449 are not included as these documents were either submitted to, or cited by, the Office in application Serial No. 10/212,322, which application is relied upon for an earlier effective filing date.

Pursuant to 37 C.F.R. § 1.97, no fee or statement is required with the Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 503503 in order to have this Information Disclosure Statement considered. The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,
Beverly L. Davidson et al.
By their Representatives,
Viksnins Harris & Padys PLLP
P.O. Box 111098
St. Paul, MN 55111
952 876-4094

Date March 30, 2006

By

Peter L. Malen
Peter L. Malen
Reg. No. 44,894

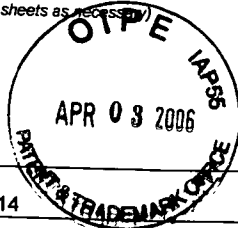
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Name

Signature

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Substitute for form 1449A/PTO and/or 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)



Complete if Known

Application Number	10/522,954
Filing Date	January 31, 2005
First Named Inventor	Beverly L. Davidson
Group Art Unit	1635
Examiner Name	Unknown

Sheet 1 of 14

Attorney Docket No: 17023.045US2

US PATENT DOCUMENTS

Examiner Initials *	US Document Number	Publication Date	Name of Patentee/Applicant of Document
	4,683,202	July 28, 1987	Mullis
	4,873,192	October 10, 1989	Kunkel
	4,962,091	October 9, 1990	Eppstein et al.
	5,350,674	September 27, 1994	Boenisch et al.
	5,580,859	December 3, 1996	Felgner et al.
	5,585,362	December 17, 1996	Wilson et al.
	5,814,500	September 29, 1998	Dietz
	5,837,449	November 17, 1998	Monia et al.
	5,902,880	May 11, 1999	Thompson
	5,922,602	July 13, 1999	Kumagai et al.
	5,928,906	July 27, 1999	Koster et al.
	5,972,704	October 26, 1999	Draper et al.
	6,001,990	December 14, 1999	Wands et al.
	6,177,246	January 23, 2001	Monia et al.
	6,387,616	May 14, 2002	Ozelius et al.
	6,420,345	July 16, 2002	Patel et al.
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	6,531,647	March 11, 2003	Baulcombe et al.
	6,573,099	June 3, 2003	Graham

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DATE CONSIDERED

* Examiner: Initial if document considered, whether or not the citation is in conformance with MPEP 609. Draw line through citation if not considered. Include copy of this form with next communication to Applicant.

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First Named Inventor	Beverly L. Davidson
Group Art Unit	1635
Examiner Name	Unknown

Sheet 2 of 14

Attorney Docket No: 17023.045US2

	6,794,414	September 21, 2004	Steinman
	6,852,535	February 8, 2005	Thompson
	2002/0086356	July 4, 2002	Tuschi et al.
	2002/0132788	September 19, 2002	Lewis et al.
	2002/0173478	November 21, 2002	Gewirtz
	2003/0051263	March 13, 2003	Fire et al.
	2003/0055020	March 20, 2003	Fire et al.
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	2003/0108923	June 12, 2003	Tuschi et al.
	2004/0023390	February 5, 2004	Davidson et al.
	2004/0192629	September 30, 2004	Xu et al.
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	2005/0042646	February 24, 2005	Davidson et al.
	2005/0106731	May 19, 2005	Davidson et al.
	2005/0255086	November 17, 2005	Davidson et al.
	2006/0009408	January 12, 2006	Davidson et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document Number (include country code)	Publication Date	Translation (Abstract Only or Full Translation, if applicable)
	WO 90/14090	November 29, 1990	
	WO 94/01550	January 20, 1994	
	WO 94/07529	April 04, 1994	
	WO 99/32619	July 01, 1999	

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Substitute Information Disclosure Statement Form (PTO-1449)
 * Examiner: Initial if document considered, whether or not the citation is in accordance with MPEP 809. Draw lines through citations that are not considered. Include copies of this form with each communication to Applicant.

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Group Art Unit	1635
Examiner Name	Unknown

Sheet 3 of 14

Attorney Docket No: 17023.045US2

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document Number (include country code)	Publication Date	Translation (Abstract Only or Full Translation, if applicable)
	WO 99/49029	September 30, 1999	
	WO 00/44895	August 03, 2000	Abstract only
	WO 01/29058	April 26, 2001	
	WO 01/70949	September 27, 2001	
	WO 01/75164	October 11, 2001	
	WO 02/44321	June 06, 2002	
	WO 02/55692	July 18, 2002	Abstract only
	WO 02/55693	July 18, 2002	Abstract only
	WO 03/06477	January 23, 2003	
	WO 03/08573	January 30, 2003	
	WO 03/10180	February 06, 2003	
	WO 03/22052	March 20, 2003	
	WO 03/23015	March 20, 2003	
	WO 03/080807	October 02, 2003	
	WO 04/013280	February 12, 2004	
	WO 04/047872	June 10, 2004	
	WO 04/058940	July 15, 2004	
	DE 10100586	April 11, 2002	Abstract only
	DE 10100588	July 18, 2002	Abstract only
	EP 1 144 623	October 17, 2001	
	EP 1 214 945	June 19, 2002	Abstract only

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Examiner Name	Unknown

Sheet 4 of 14

Attorney Docket No: 17023.045US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include last name of the first author (in CAPITAL letters), <u>Title of the Source</u> (book, magazine, journal, serial, symposium, catalog, etc.), <u>Volume-Number</u> , page(s) and (date).
	Abdallah et al., <u>Biology of the Cell</u> , 1995, 85(1):1-7
	Abdelgany et al., <u>Hum. Mol Genet.</u> , 2003, 12:2637-2644
	Adelman et al., <u>DNA</u> , 1983, 2:183
	Agrawal, <u>TIBTech</u> , 1996, 14:376-387
	Alisky et al., <u>Hum Gen Ther.</u> , 2000, 11:2315
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	Altschul et al., <u>JMB</u> , 1990, 215:403
	Altschul et al., <u>Nucleic Acids Res.</u> 1997, 25:3389
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	Bass, "The Short Answer," <u>Nature</u> , 2001, 411:428-429
	Bates et al., <u>Curr Opin Neurol.</u> , 2003, 16:465-470
	Batzer et al., <u>Nucl. Acids Res.</u> , 1991, 19:508
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Substitute Information Disclosure Statement Form (PTO-1449)
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Examiner Name	Unknown

Sheet 6 of 14

Attorney Docket No: 17023.045US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include last name of the first author (in CAPITAL letters), Title of the Source (book, magazine, journal, serial, symposium, catalog, etc.), Volume-Number, page(s) and (date).
	Chan et al., <u>Hum Mol Genet.</u> , 2000, 9(19):2811-2820
	Chiu and Rana, <u>Mol. Cell.</u> , 2002, 10(3):549-561
	Check, <u>Nature</u> , 2002, 417:779.
	Check, <u>Nature</u> , 2004, 432, 136
	Chen et al., <u>Cell</u> , 2003, 113(4):457-468
	Clemens et al., <u>PNAS</u> , 2000, 97:6499-6503
	Cogoni et al., <u>Antonie Van Leeuwenhoek</u> , 1994, 65:205-209
	Corpet et al., <u>Nucl. Acids Res.</u> , 1988, 16:10881
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	Davidson et al., <u>Meth Enzymol</u> , 392:145-173, (2005).
	Deng et al. <u>J. Org. Chem.</u> , 1999, 64:202-208
	Dillin, <u>PNAS</u> , 2003, 100:6289-6291
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	Doench et al., <u>Genes Dev.</u> , 2003, 17(4):438-442
	Doheny et al., <u>Neurology</u> , 2002, 59:1244-1246

EXAMINER

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Substitute Information Disclosure Statement Form (PTO-1449)
* Examiner: Initial if document considered, whether or not the citation is in conformance with MPEP 809. Draw line through citation if not considered. Include copy of this form with next communication to Applicant.

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Filing Date	January 31, 2005
First Named Inventor	Beverly L. Davidson
Group Art Unit	1635
Examiner Name	Unknown

Sheet 7 of 14

Attorney Docket No: 17023.045US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include last name of the first author (in CAPITAL letters), Title of the Source (book, magazine, journal, serial, symposium, catalog, etc.), Volume-Number, page(s) and (date).
	Donze et al., <u>Nucleic Acids Research</u> , 2002, 30(10):1-4
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	Felgner et al., <u>PNAS.</u> , 1987, 84:7413
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	Gaspar et al., <u>Am. J. Hum. Genet.</u> , 2001, 68(2):523-528
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	Goodchild et al., <u>Mov. Disord.</u> , 2002, 17(5):958, Abstract
	Grishok et al., <u>Science</u> , 2000, 287:2494-2497
	Hamilton and Baulcombe, <u>Science</u> , 1999, 286:950-952
	Hammond et al., <u>Nat Rev Genet.</u> 2001;2(2):110-119.
	Hammond et al., <u>Nature</u> , 2000, 404:293-296

EXAMINER

DATE CONSIDERED

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Group Art Unit	1635
Examiner Name	Unknown

Sheet 8 of 14

Attorney Docket No: 17023.045US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include last name of the first author (in CAPITAL letters), Title of the Source (book, magazine, journal, serial, symposium, catalog, etc.), Volume-Number, page(s) and (date).
	Hannon, <u>Nature</u> , 2002, 418:244-251
	Haque et al., <u>Exp Neurol</u> , 1997; 144; 139-46.
	Harborth et al., <u>Journal of Cell Science</u> , 2001, 114:4557-4565
	Hardy et al., <u>Science</u> , 2002, 297(5580):353-356
	Harper et al., <u>Meth Mol Biol</u> , 309:219-236 (2005).
	Harper et al., <u>PNAS</u> , 102(16):5820-5825, (2005).
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	Higgins et al., <u>CABIOS</u> , 1989, 5:151
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	Jacque et al., <u>Nature</u> , 2002, 418(6896):435-438
	Johnston, <u>Nature</u> , 1990, 346:776
	Kao et al., <u>J. Biol. Chem.</u> , 2004, 279:1942-1949
	Karlin and Altschul, <u>PNAS</u> , 1990, 87:2264
	Karlin and Altschul, <u>PNAS</u> , 1993, 90:5873

EXAMINER

DATE CONSIDERED

Substitute Information Disclosure Statement Form (PTO-1449)
 * Examiner: Initial if document considered, whether or not the citation is in conformance with MPEP 809. Cross line through citation if not considered. Include copy of this form with next communication to Applicant.

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Sheet 9 of 14

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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	Kato et al., <u>J Biol Chem.</u> , 2001, 76(24):21809-21820
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